

For Research Use Only

# DLX6 Recombinant antibody, PBS Only

Catalog Number: 85946-1-PBS



## Basic Information

**Catalog Number:**

85946-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19724

**GenBank Accession Number:**

BC069363

**GeneID (NCBI):**

1750

**UNIPROT ID:**

P56179

**Full Name:**

distal-less homeobox 6

**Calculated MW:**

175 aa, 20 kDa

**Observed MW:**

32 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250408B4

## Applications

**Tested Applications:**

WB, IHC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

Distal-less homeobox 6 (DLX6) has been reported to play important roles in the development of craniofacial structures, inner ear, limb, and brain. DLX6 was significantly highly expressed in oral cancer tissues in The Cancer Genome Atlas database. DLX6 promotes cell proliferation and suppresses cell apoptosis in oral cancer cells. EGFR-CCND1 pathway might be the potential mechanism participating in the regulating axis (PMID: 33215805).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

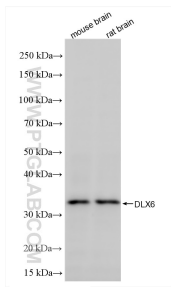
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

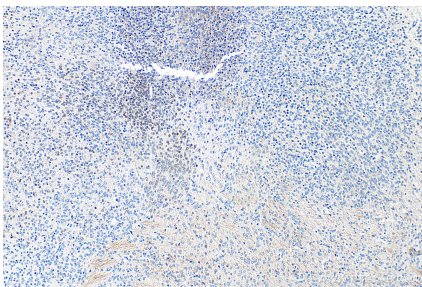
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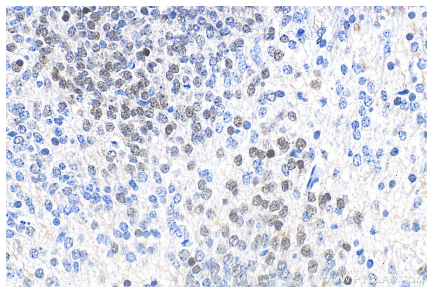
## Selected Validation Data



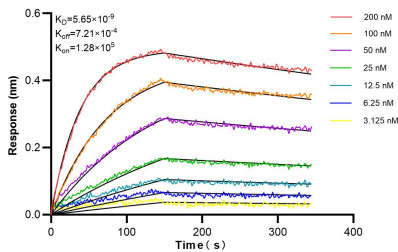
Various lysates were subjected to SDS PAGE followed by western blot with 85946-1-RR (DLX6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85946-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 85946-1-RR (DLX6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85946-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 85946-1-RR (DLX6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85946-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85946-1-RR against Human DLX6 were performed. The affinity constant is 5.65 nM.